

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

- 1 (currently amended): A method for implementing an adaptive mixing energy ratio in an
5 image-editing environment, comprising ~~the following steps:~~
 ~~(a)~~ applying at least one audio analysis technique to a session of video footage
 stored in a computer readable media for performing an analysis,
 wherein the footage is analyzed with respect to predefined auditory
 patterns and non-predefined auditory patterns;
10 ~~(b)~~ demarcating the session of video footage into a plurality of segments;
 ~~(c)~~ determining a mixing energy ratio for each of the plurality of segments
 according to the audio analysis;
 ~~(d)~~ interpolating the mixing energy ratio for each of the plurality of segments
 to produce a mixing energy ratio profile; and
15 ~~(e)~~ applying the mixing energy ratio profile to the session of video footage.
- 2 (cancelled)
- 3 (currently amended): The method of claim 1, ~~wherein step (a)~~ further comprising
20 ~~comprises~~ applying at least a video analysis technique to a session of video
 footage stored in a computer readable media for performing an analysis.
- 4 (currently amended): The method of claim ~~[[1]]~~ 3, ~~wherein step (a) comprises applying~~
 ~~a plurality of analysis techniques to a session of video footage stored in a computer~~
25 ~~readable media for performing an analysis;~~ the footage is analyzed by techniques
 being audio analysis techniques, video analysis techniques, or a combination of
 audio and video analysis techniques.

5 (currently amended): The method of claim 1, wherein the demarcating step ~~(b)~~ comprises demarcating the session of video footage into a plurality of segments based on predetermined run-time lengths.

5 6 (currently amended): The method of claim 1, wherein the demarcating step ~~(b)~~ comprises demarcating the session of video footage into a plurality of segments based on contents of the footage.

7 (original): The method of claim 1, wherein the analysis returns predetermined
10 parameters corresponding to properties of the footage for each of the plurality of segments.

8 (cancelled)

15 9 (currently amended): The method of claim ~~[[8]]~~ 1, wherein the predefined auditory patterns include:

audio clips in an audio clip database including:

specific music melodies;

specific speech sentences;

20 specific sounds of living creatures; and

specific sounds of special events; and

manually defined audio segments.

10 (currently amended): The method of claim ~~[[8]]~~ 1, wherein the non-predefined
25 auditory patterns include:

speech in a quiet environment;

applause and laughter following a section of speech or music;

high-mood music;

spoken keywords;
stress placed on a specific section of speech;
a recognizable relationship between length of speech segment and tempo of
music;
5 a recognizable relationship between tempo of speech segment and tempo of
music;
a recognizable relationship between length of speech segment and musical
passages; and
a recognizable relationship between length of speech segment and a space
10 between musical passages.

11 (currently amended): The method of claim [[7]] 1, ~~wherein step (a) further comprises~~
comprising analyzing the footage with respect to predefined video patterns and
non-predefined video patterns.

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12 (original): The method of claim 1, wherein the mixing energy ratio is a ratio of an
audio energy of a first soundtrack to an audio energy of a second soundtrack.

13 (original): The method of claim 12, wherein the first soundtrack is a speech soundtrack
20 or a music soundtrack.

14 (original): The method of claim 12, wherein the second soundtrack is a speech
soundtrack or a music soundtrack.

25 15 (original): The method of claim 12, wherein the first soundtrack and the second
soundtrack each comprise a plurality of channels.

16 (currently amended): The method of claim 1, wherein the determining step ~~(e)~~

comprises determining an average mixing energy ratio point for each of the plurality of segments.

17 (currently amended): The method of claim 1, wherein the determining step ~~-(e)~~
5 comprises determining a plurality of mixing energy ratio points for each of the plurality of segments.

18 (currently amended): The method of claim 1, wherein the step ~~-(e)~~ of applying the
mixing energy ratio profile to the session of video footage comprises applying an
10 adaptive mixing energy ratio to segments of special interest and applying an average mixing energy ratio to remaining segments of the session of video footage.

19 (currently amended): The method of claim 1, wherein the interpolating step ~~-(d)~~
comprises interpolating the mixing energy ratio for each of the plurality of segments
15 to produce a mixing energy ratio profile, the maximum gradient of the mixing energy ratio profile being limited according to a predefined limit.